

Notice of Allowability

Application No.

10/748,373

Examiner

Le H. Luu

Applicant(s)

VAN DYKE ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to papers filed on 12/30/03 - 06/04/04.
2. ☒ The allowed claim(s) is/are 1-16.
3. ☒ The drawings filed on 30 December 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted:
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 12/30/03-06/24/04
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

LE HIEN LUU
PRIMARY EXAMINER

1. An Examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 C.F.R. § 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the Issue Fee.

2. Pursuant to MPEP 606.01, the title has been changed to read:

-- A HIGH PERFORMANCE CALL DISTRIBUTION SYSTEM USING A
DISPATCHER AND MULTIPLE PROCESSORS FOR PROCESSING SESSION
INITIATION DIALOGS --

3. The following is an Examiner's Statement of Reasons for Allowance:

Kotzin et al., Pub. No. 2004/0120505, teach a call set up begins with user A sending a call alert message specifically a SIP INVITE for user B to a SIP Proxy. The SIP Proxy forwards the SIP INVITE to user B. User B returns a SIP RINGING message to SIP Proxy and on to user A. The RINGING indicates essentially that the call alerting process is underway or is an acknowledgment of the call alert signal. Next, a SIP OK from user B is returned to SIP Proxy and then to user A. The SIP OK is an indication that the terminal at user B has recognized the call alert and answered the call or is willing to participate in a call. One of the functions of the OK or Ringing messages is that user A gets the address for user B. Thereafter the call is conducted between user A and user B.

In addition, Su et al., Pub. No. 2003/0200298, teach a dispatcher analyzes

various data fields that comprise a message, and compares its contents to a set of resource data contained within a dispatching table. Resource data is stored in the dispatching table by service modules as they are activated. The resource data can also specify criterion for which a service module will perform its service for a given request. The dispatcher checks the dispatching table to determine which of the one or more service modules is to process the message, and then delivers the message to the appropriate modules in which to be serviced.

The prior art of record teaches the claimed invention substantially as discussed above, but it fails to teach or suggest individually or in combination that a method of processing a plurality of session initiation dialogs, each session initiation dialog including a respective initial message sent by a source of the session initiation dialog, each initial message including a well-known port identifier used to identify the recipient of the message, the method comprising: receiving the initial message for each of the session initiation dialogs at a dispatcher; at the dispatcher, upon receiving the initial message for each of the session initiation dialogs, (1) selecting one of a plurality of processors to conduct the respective session initiation dialog, and (2) forwarding the initial message to the selected processor; and at each of the processors, upon receiving the initial message of one of the session initiation dialogs from the dispatcher, (1) creating a corresponding response message including a port identifier uniquely associated with the processor to identify a port to which subsequent messages of the session initiation dialog are to be directed, and (2) sending the response message to the source of the initial message to enable subsequent messages of the session

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initiation dialog to be sent directly to the selected processor as set forth in claims 1 and

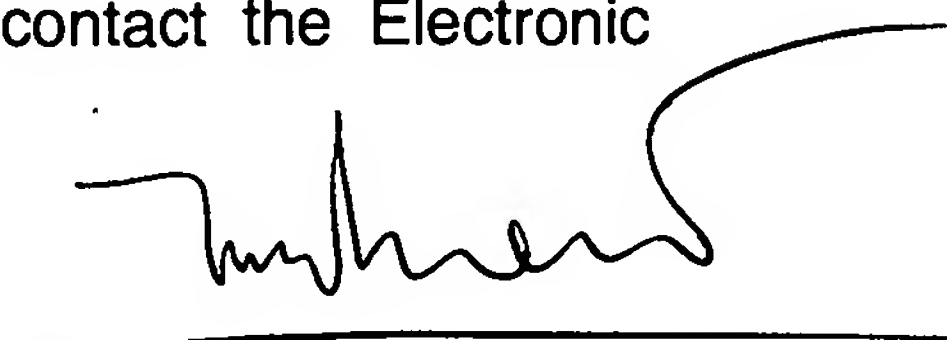
9. Claims 1-16 are allowed because of the combination of other limitations and the limitation listed above.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Le H. Luu whose telephone number is 571-272-3884. The examiner can normally be reached on 7:00am - 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia can be reached on 571-272-3880. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



LE HIEN LUU
PRIMARY EXAMINER